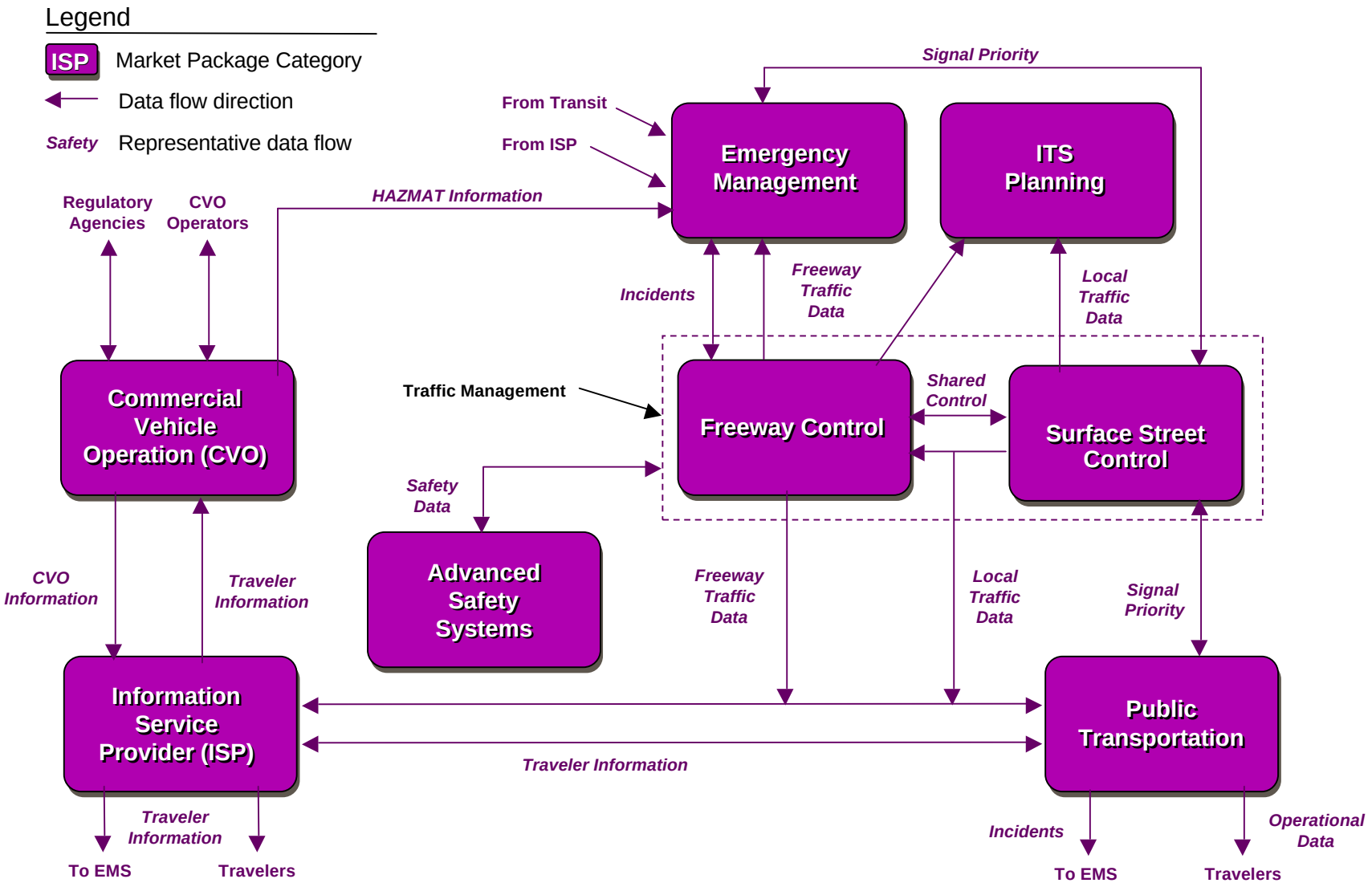
APPENDIX A
CENTRAL COAST REGION

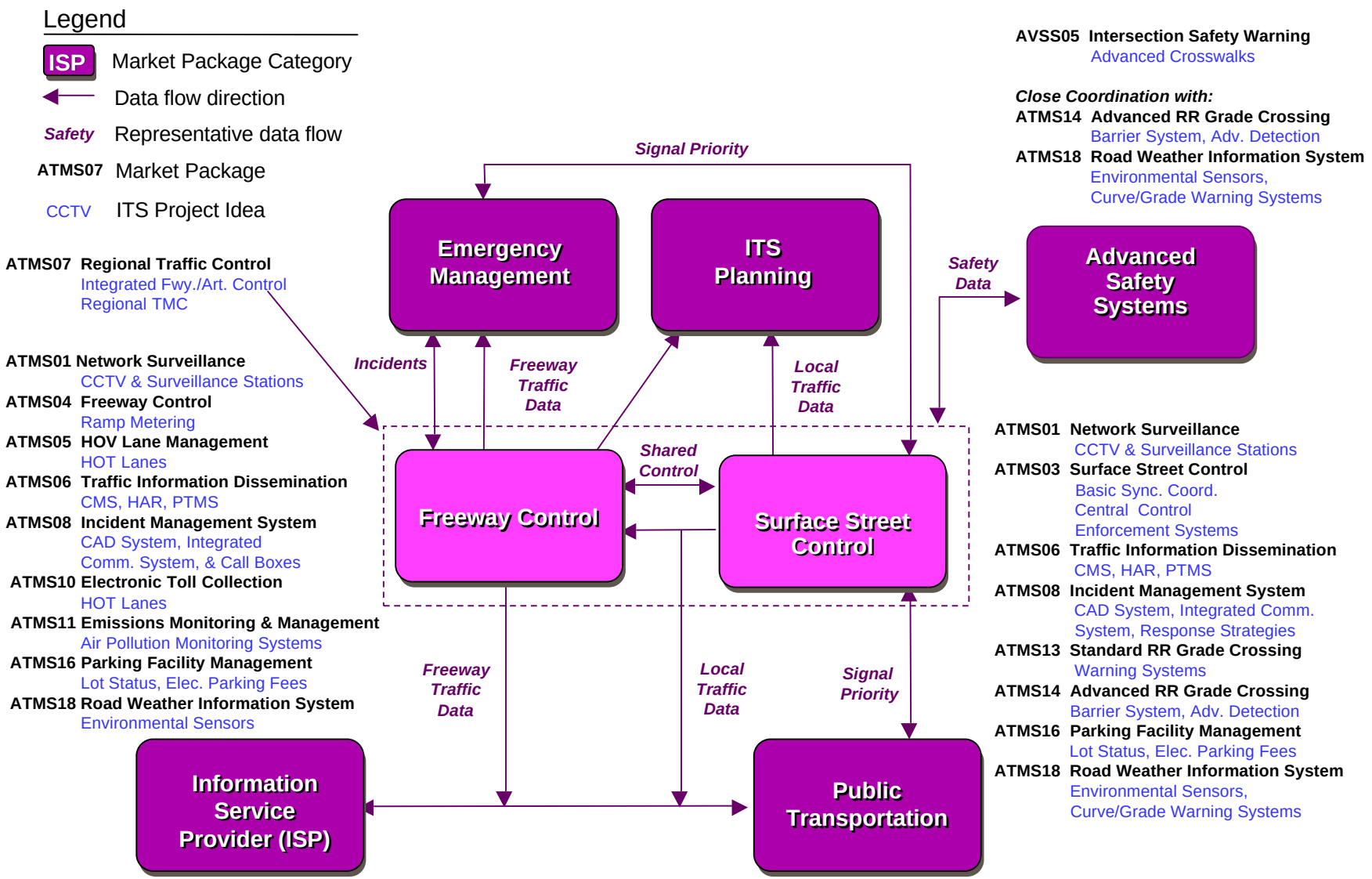
FUNCTIONAL ARCHITECTURE

1. ***Regional Market Package View***
2. ***Traffic Management and Safety***
3. ***Transit Management***
4. ***Traveler Information***
5. ***Commercial Vehicle Operations (CVO)***
6. ***Emergency Management & Enforcement***
7. ***Planning***

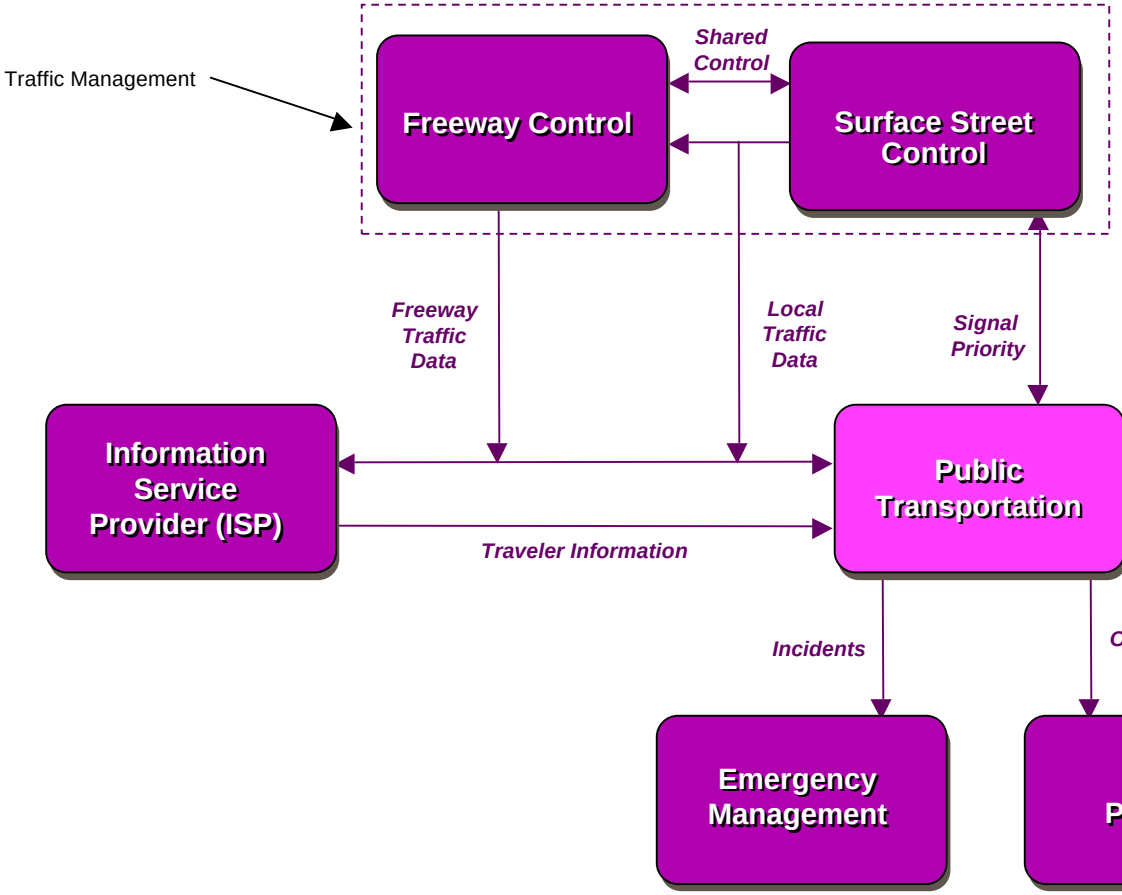
Functional Architecture --> Regional Market Package View



Functional Architecture --> Traffic Management & Safety



Functional Architecture --> Transit Management

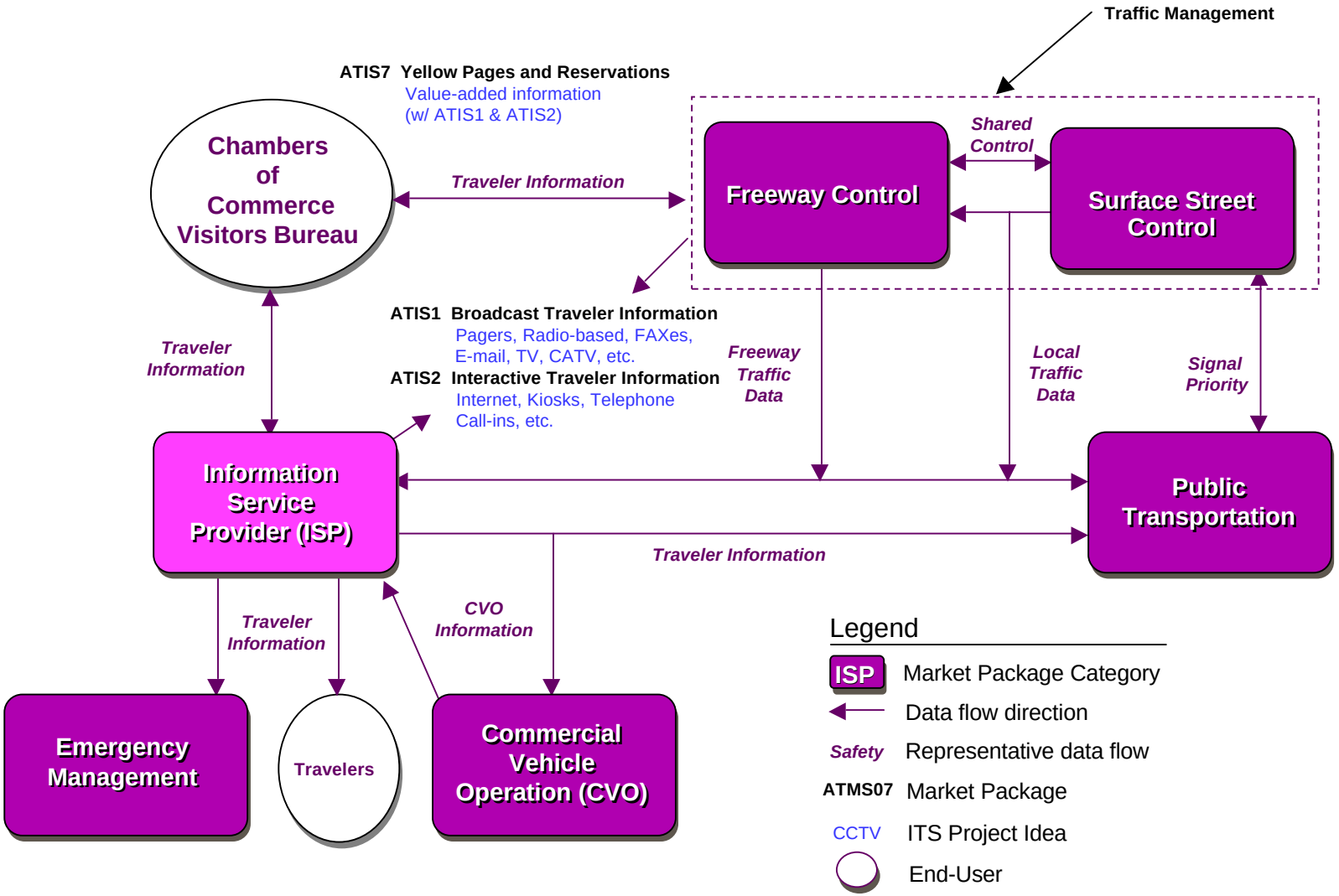


Legend

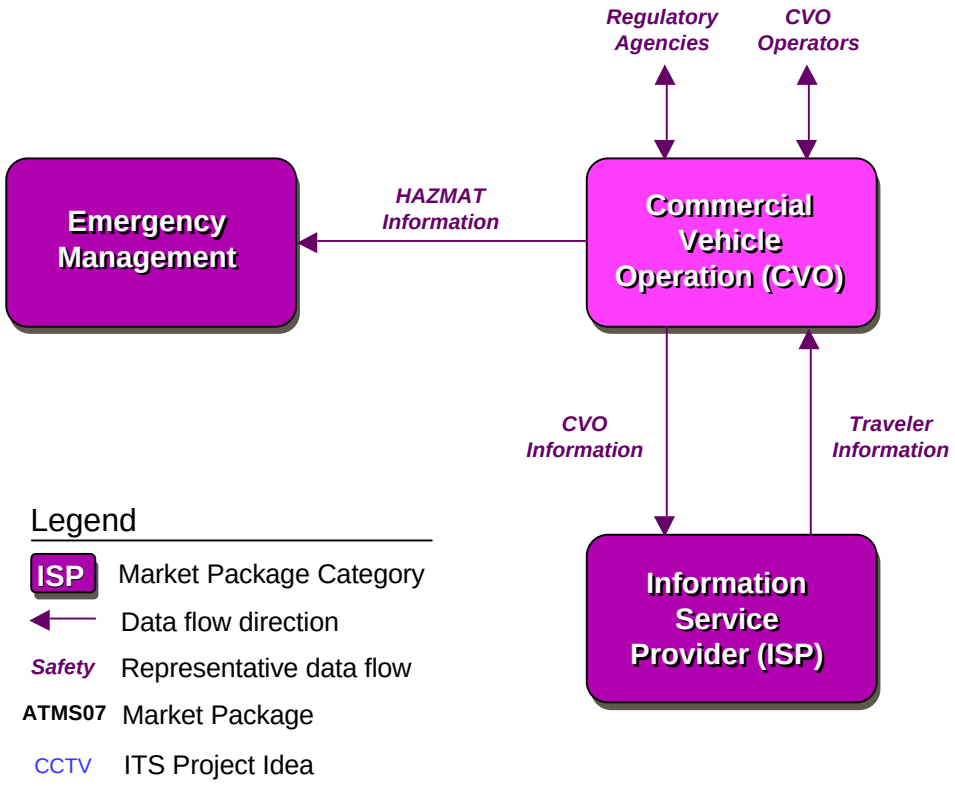
ISP	Market Package Category
←	Data flow direction
Safety	Representative data flow
ATMS07	Market Package
CCTV	ITS Project Idea

APTS1 Transit Vehicle Tracking
AVL/GPS, Schedule Adherence S/W
APTS2 Transit Fixed-Route Operations
Route/Schedule Mgt. S/W
APTS3 Demand Response Transit Operations
Automated Dispatching/Information
APTS4 Transit Passenger and Fare Management
APC, Electronic Fare Collection
APTS5 Transit Security
Video Surveillance, Voice/Data Comms.
APTS6 Transit Maintenance
Mntnce. Sched. Sys., On-Board Diagnostics
APTS7 Multi-Modal Coordination
Signal Priority
APTS8 Transit Traveler Information
Static Route/Schedule Info,
Real-Time Schedule Info

Functional Architecture --> Traveler Information



Functional Architecture --> Commercial Vehicle Operations (CVO)



CVO03 Electronic Clearance
Weigh Station By-Pass System (i. e., Electronic Clearance)

CVO04 CV Administrative Processes
"One-Stop" Shopping (e.g., Electronic Credentialing, Permitting, Licensing, Taxes, Registrations, etc.)

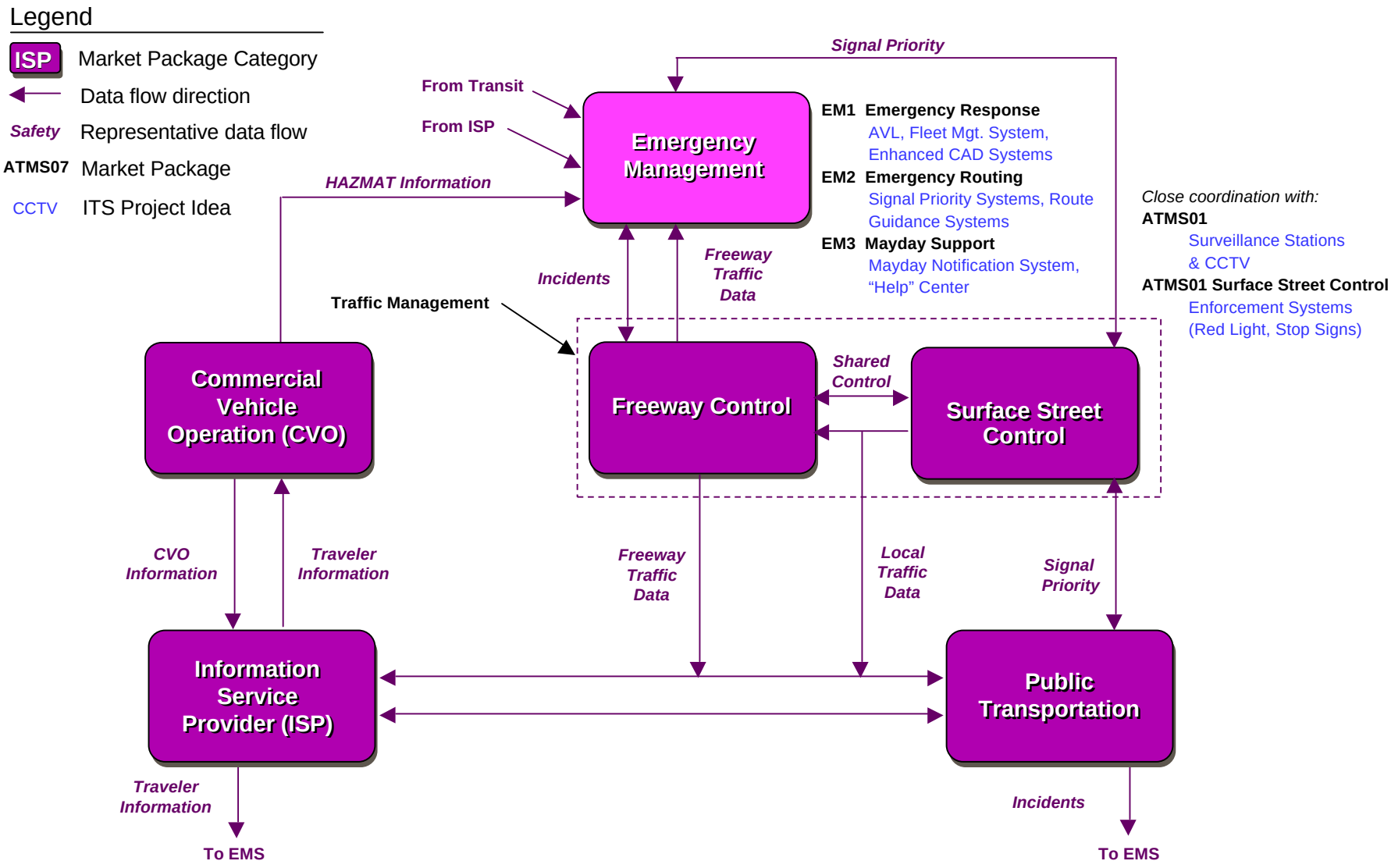
CVO06 Weigh-In-Motion
WIM Sensors (w/ CVO03 & CVO04)

CVO07 Roadside CVO Safety
CVO Safety Inspections (w/ CVO03 & CVO04)

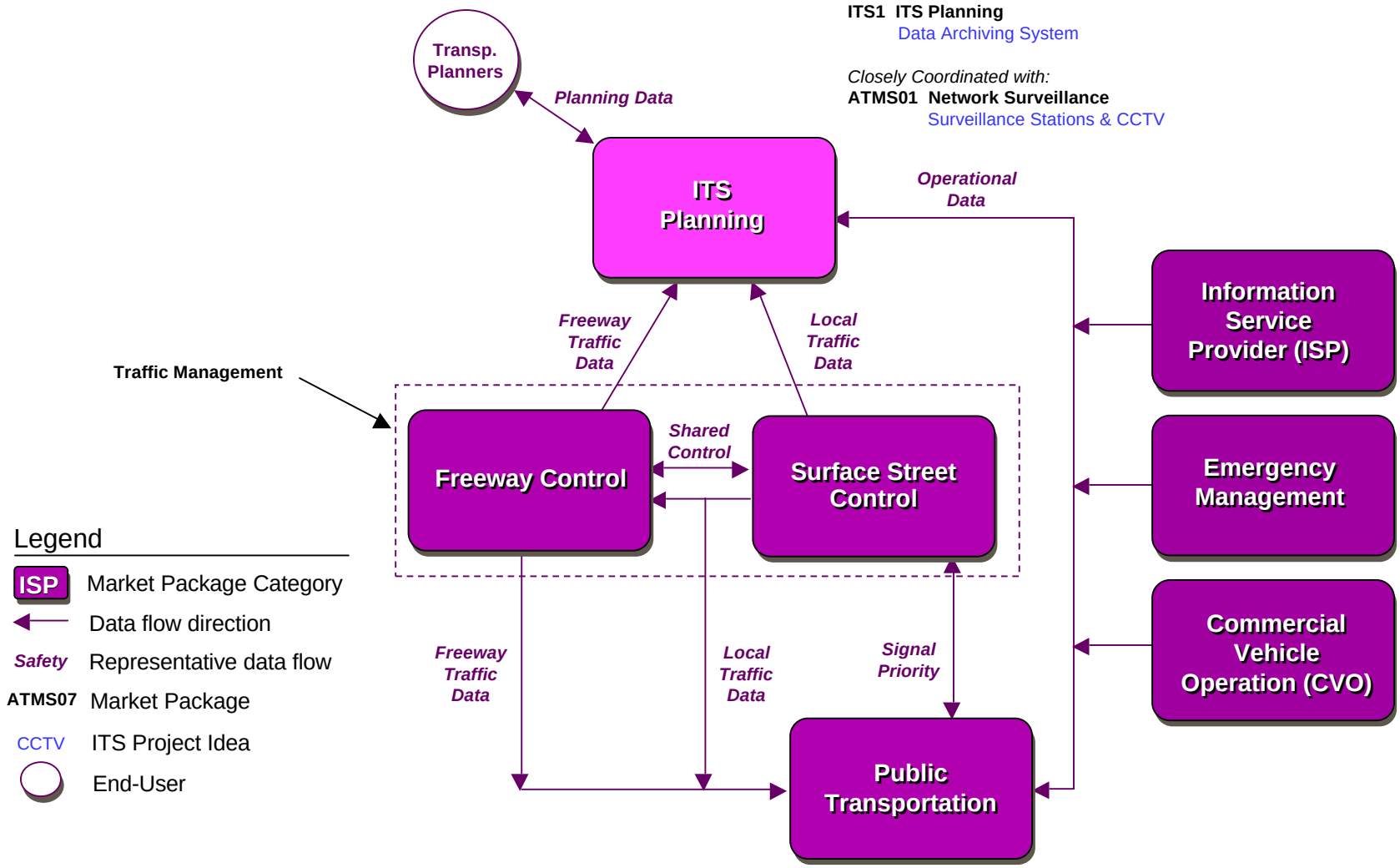
CVO10 HAZMAT Management
HAZMAT Management

CVO ATIS
Automated Dispatch & Information System (Salinas CVO)

Functional Architecture --> Emergency Management & Enforcement



Functional Architecture --> Planning

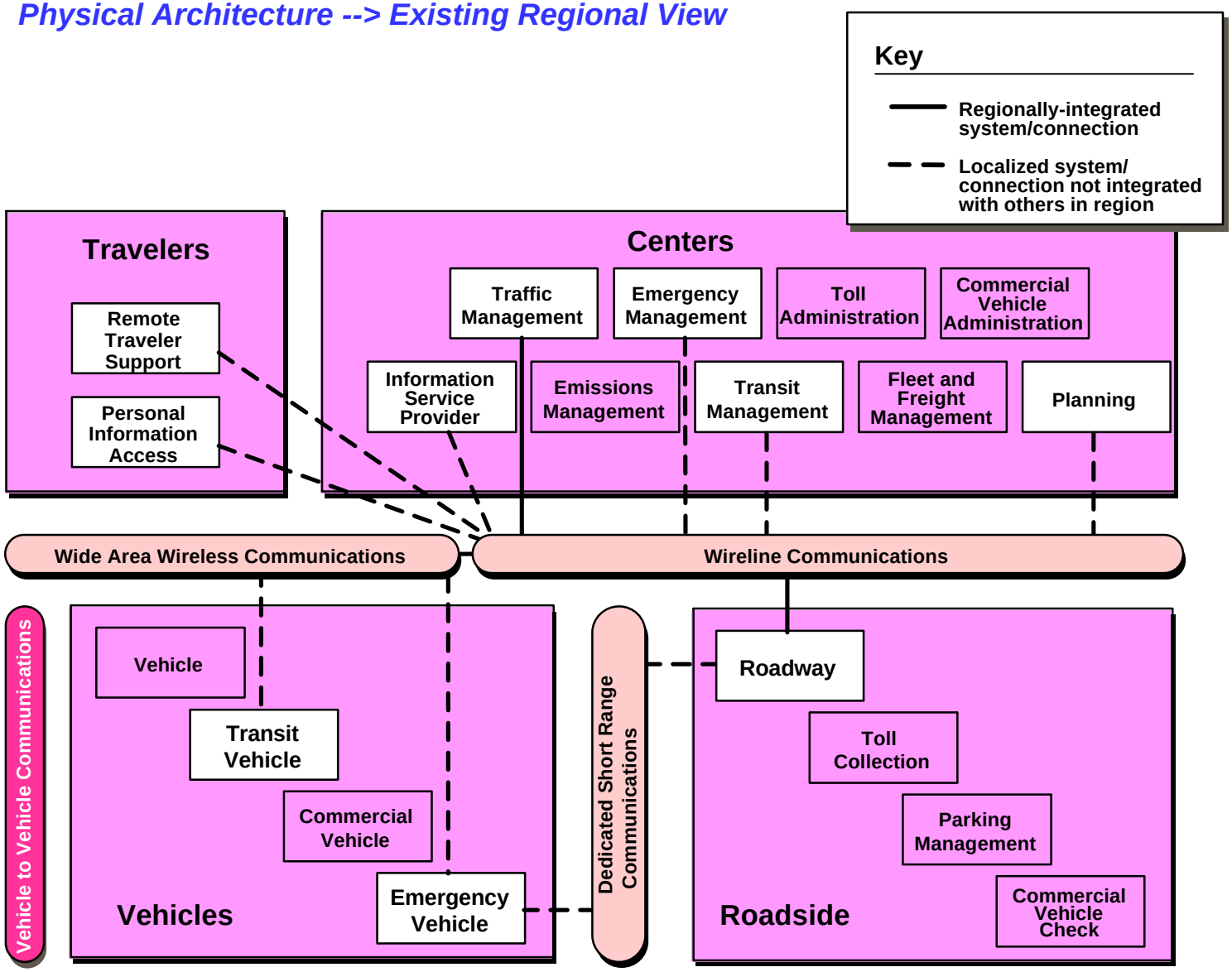


APPENDIX A
CENTRAL COAST REGION

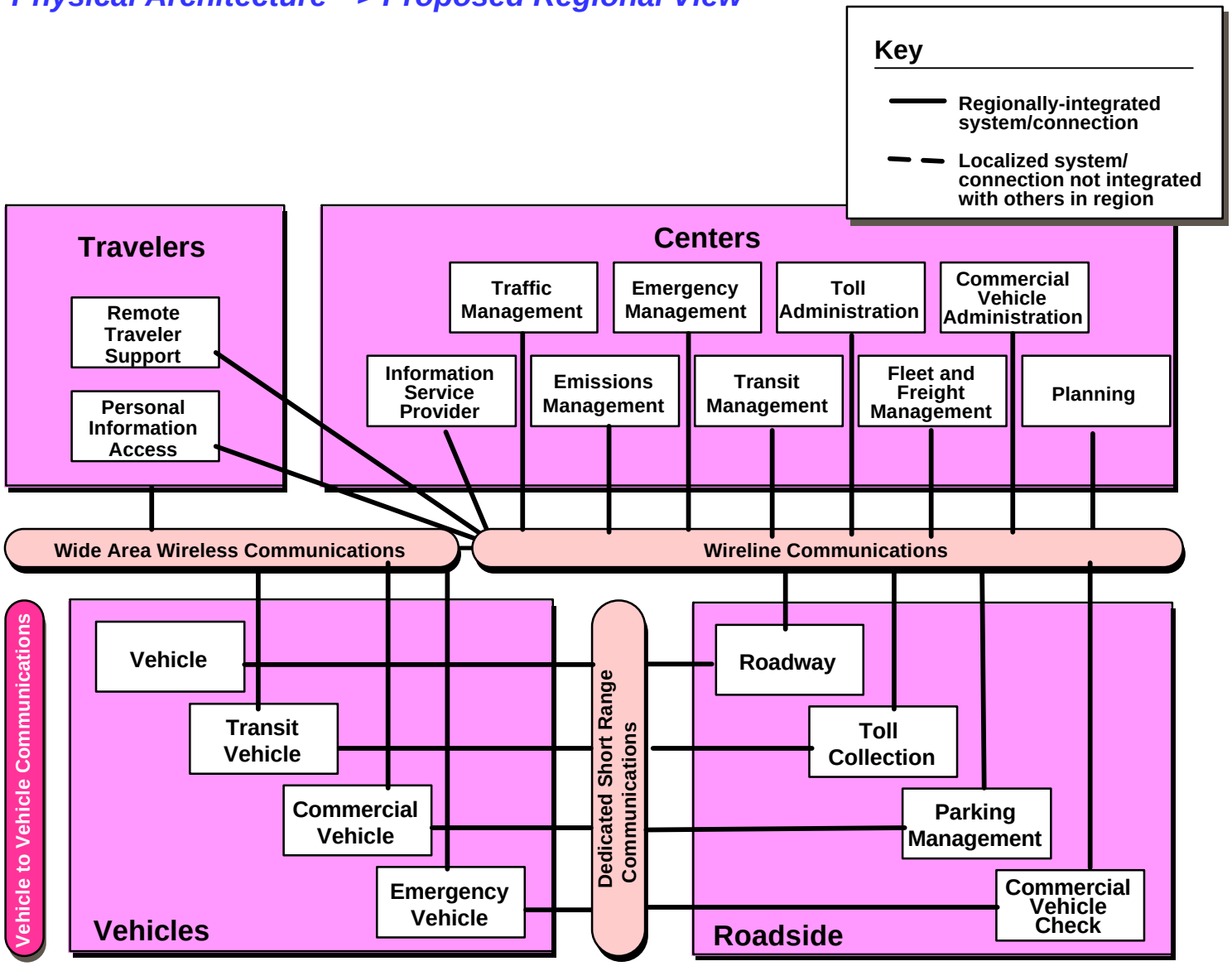
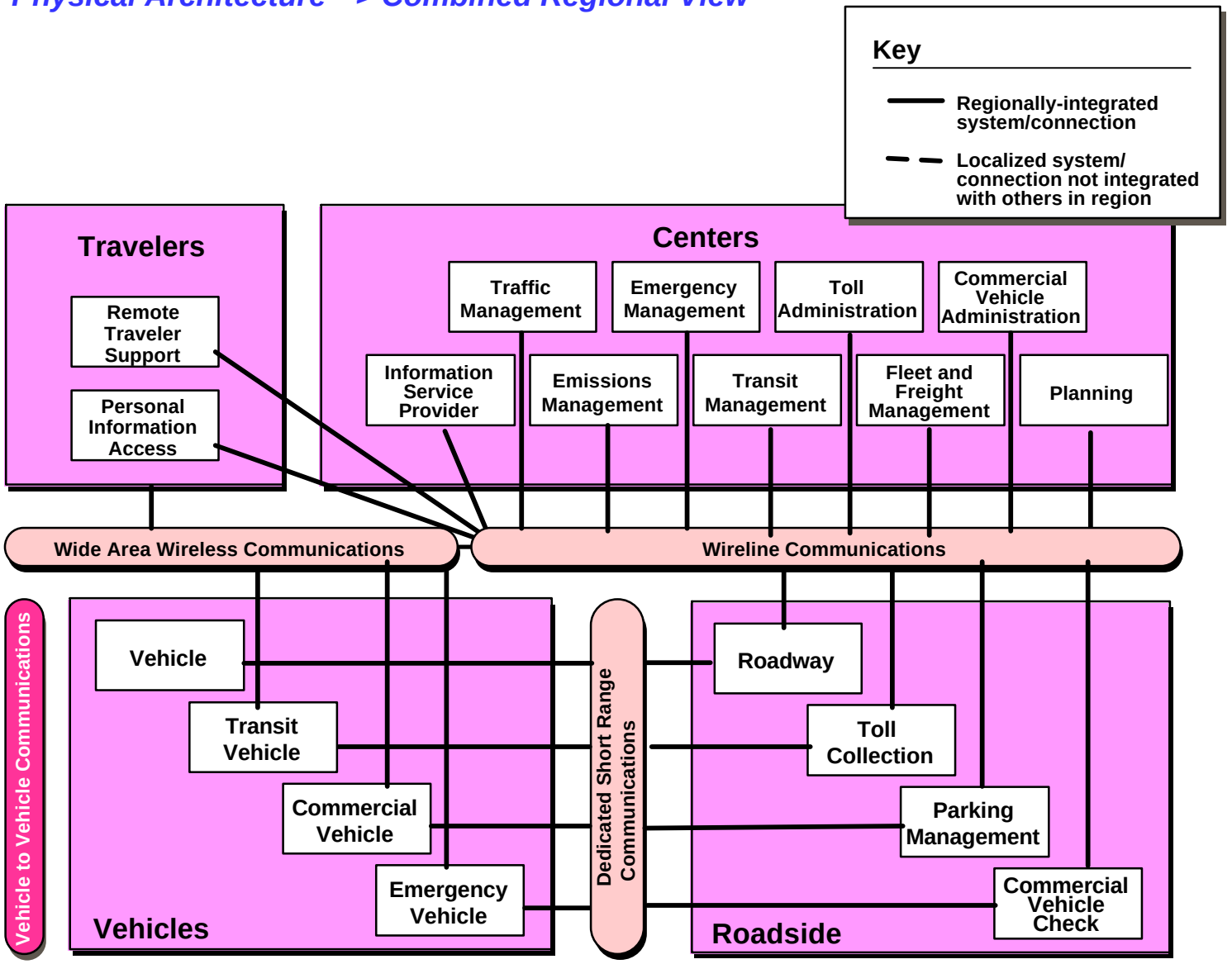
PHYSICAL ARCHITECTURE

1. ***Existing Regional View***
2. ***Proposed Regional View***
3. ***Combined Regional View***

Physical Architecture --> Existing Regional View



Physical Architecture --> Proposed Regional View



Physical Architecture --> Combined Regional View